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S1	1	US20040015827A1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 12:51
S2	2	"6393341".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/03 12:29
S3	2	"5801942".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/03 12:52
S4	2	"5267145".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/03 12:52
S5	99	("6393456" "6083276" "6598219" "6606642" "6429947" "5524253" "6466940" "6745206" "6745208" "6681370" "5283895" "6587746" "5257181" "6223190" "6223190" "5758345" "5826076" "5216592" "6249794" "6426798" "6557043" "6571292" "6662342" "6704120" "6327608" "6332127" "6336137" "6351748" "6397219" "6442595" "6613098" "6654814" "6453329" "6795868" "6810136" "6820135" "6470482" "6370455" "5864479" "5784276" "6477683" "5845064" "6526566" "4961133" "6006277" "5848273" "5684742" "5943496" "6237136" "6385645").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 09:27
S6	0	US2002004804A1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 10:30
S7	2	"20020004804"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 10:41

S8	6	"6565609"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 10:41
S9	2	"6565609".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 10:42
S10	2	"6757869".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 10:44
S11	2	"20030121000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 11:01
S12	133	(compress\$3 or compact\$3) with XML with file\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 11:02
S13	1	S12 and (industrial with control\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 11:02
S14	7	S12 and (industrial)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 11:04
S15	10	S12 and ((load\$3 or stor\$3) with automation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 11:11
S16	1	S12 and (reduc\$3 with tag\$1 with stylesheet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 11:12
S17	7	S12 and (reduc\$3 with tag\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 11:12

S18	10	("5854597" "5895463" "5956724" "6055544" "6163780" "6163811" "6230168" "6259912" "6311223" "6330574").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/06 11:13
S19	0	("6635088").URPN.	USPAT	OR	OFF	2005/01/06 11:21
S20	175	717/136.ccls.	USPAT	OR	OFF	2005/01/06 11:21
S21	73	717/137.ccls.	USPAT	OR	OFF	2005/01/06 11:22
S22	167	717/114.ccls.	USPAT	OR	OFF	2005/01/06 11:25
S23	941	715/513.ccls.	USPAT	OR	OFF	2005/01/06 11:26
S24	588	700/87.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 12:51


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Renaud Vanlande, Christophe Cruz, Christophe Nicolle

 November 2003 **Proceedings of the twelfth international conference on Information and knowledge management**

 Full text available: pdf(255.03 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The "Industrial Foundation Classes" (IFC) are an ISO norm to define all components of a building in a civil engineering project. IFC files are textual files whose size can reach 100 megabytes. Several IFC files can coexist on the same civil engineering project. Due to their size, their handling and sharing is a complex task. In this paper, we present an approach to automatically identify business objects in the IFC files and simplify their visualization and manipulation on the Internet. We const ...

Keywords: 3D, DBMS, IFC, XML, collaborative application, semantic

2 [A closer look at service level metrics](#)

Chris Nicoll

 September 1999 **International Journal of Network Management**, Volume 9 Issue 5

 Full text available: pdf(133.67 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Defined service level metrics that define acceptable frame relay network performance are increasingly offered and requested. The work of the Frame Relay Forum in providing a common vocabulary to describe frame relay service delivery is examined in this article. Copyright © 2000 John Wiley & Sons, Ltd.

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Trishul Chilimbi, Richard Jones, Benjamin Zorn

October 2000 **ACM SIGPLAN Notices , Proceedings of the 2nd international symposium on Memory management**, Volume 36 Issue 1

Full text available: pdf(1.53 MB)

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Dynamic storage allocation continues to play an important role in the performance and correctness of systems ranging from user productivity software to high-performance servers. While algorithms for dynamic storage allocation have been studied for decades, much of the literature is based on measuring the performance of benchmark programs unrepresentative of many important allocation-intensive workloads. Furthermore, to date no standard has emerged or been proposed for publishing and exchanging ...

2 [Effective compression for the web: exploiting document linkages](#)

Raymond Wan, Alistair Moffat

January 2001 **Proceedings of the 12th Australasian conference on Database technologies**

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Providing the infrastructure that supports the WorM-Wide Web is expensive. The costs incurred in running a web site include those associated with the content being served; those associated with the hardware that supports the site; and the network costs incurred in transmitting that content to the end consumers. In this work we examine mechanisms for compressing web content so as to reduce the third of these three costs, and describe a scheme that exploits the known connectivities between web pag ...

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January 2001 **Proceedings of the twelfth annual ACM-SIAM symposium on Discrete algorithms**

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The size of electronic data is currently growing at a faster rate than computer memory and disk storage capacities. For this reason *compression* appears always as an attractive choice, if not mandatory. However space overhead is not the only resource to be optimized when managing large data collections; in fact data turn out to be useful only when properly *indexed* to support search operations that efficiently extract the user-requested information.

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